

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/004895

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61M15/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|------------|--|-----------------------|
| X          | US 5 878 917 A (REINHARD ET AL)<br>9 March 1999 (1999-03-09)<br>column 4, line 53 - column 5, line 43;<br>figures 1-3        | 1-10,15,<br>16        |
| X          | US 4 620 670 A (HUGHES ET AL)<br>4 November 1986 (1986-11-04)<br>column 3, line 8 - column 5, line 40;<br>figures 1-4        | 1,3,4,6,<br>9,11-16   |
| X          | US 2002/043262 A1 (LANGFORD ALAN ET AL)<br>18 April 2002 (2002-04-18)<br>paragraph '0028! - paragraph '0029!;<br>figures 1-3 | 1,2,5-8,<br>15,16     |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

### \* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

16 February 2005

Date of mailing of the international search report

24/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5618 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Zeinstra, H

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/004895

| Patent document<br>cited in search report |    | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|---|----|---------------------|----------------------------|---------------------|
| US 5878917                                | A  | 09-03-1999          | DE 19525546 A1             | 16-01-1997          |
|   |    |                     | DE 59610469 D1             | 03-07-2003          |
|   |    |                     | EP 0753293 A2              | 15-01-1997          |
|   |    |                     | JP 9028804 A               | 04-02-1997          |
| US 4620670                                | A  | 04-11-1986          | US 4635857 A               | 13-01-1987          |
|   |    |                     | AU 3439884 A               | 13-06-1985          |
|   |    |                     | EP 0162853 A1              | 04-12-1985          |
|   |    |                     | EP 0162854 A1              | 04-12-1985          |
|   |    |                     | EP 0162110 A1              | 27-11-1985          |
|   |    |                     | WO 8502345 A1              | 06-06-1985          |
|   |    |                     | WO 8502346 A1              | 06-06-1985          |
|   |    |                     | WO 8502347 A1              | 06-06-1985          |
|   |    |                     | US 4702415 A               | 27-10-1987          |
|   |    |                     | US 4690332 A               | 01-09-1987          |
| US 2002043262                             | A1 | 18-04-2002          | AT 280112 T                | 15-11-2004          |
|   |    |                     | AU 8415801 A               | 04-03-2002          |
|   |    |                     | CA 2418613 A1              | 28-02-2002          |
|   |    |                     | DE 60106629 D1             | 25-11-2004          |
|   |    |                     | EP 1309503 A1              | 14-05-2003          |
|   |    |                     | WO 0216235 A1              | 28-02-2002          |
|   |    |                     | JP 2004506495 T            | 04-03-2004          |
|   |    |                     | NZ 524248 A                | 24-12-2004          |